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(74) Agent: **COCKBAIN, Julian**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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(71) Applicant (*for all designated States except US*): **PROTHERICS MOLECULAR DESIGN LIMITED** [GB/GB]; The Health Business and Technical Park, Runcorn, Cheshire WA7 4QF (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **DOWNHAM, Matthew, Richard** [GB/GB]; The Health Business and Technical Park, Runcorn, Cheshire WA7 4QF (GB). **GLOVER, James, Francis** [GB/GB]; The Health Business and Technical Park, Runcorn, Cheshire WA7 4QF (GB). **HANILY, Rachel, Emma** [GB/GB]; The Health Business and Technical Park, Runcorn, Cheshire WA7 4QF (GB).

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(54) Title: CJD PRION TESTING

(57) Abstract: The present invention provides an assay method for detecting infectious prion protein in a sample from a mammalian subject, said method comprising: obtaining a prion protein containing sample from said subject; contacting said sample with an agent which serves to digest non-infectious prion protein and to partially digest infected prion protein to yield a prion protein polypeptide residue; contacting the digested sample with an antibody capable of binding to a polypeptide having the amino acid sequence Vc (Gly-Gly-Gly-Trp)-Gly-Gln-Gly-Gly-R₁-R₂-His -R₃-Gln-Trp-Asn-Lys-Pro-R₄-Lys-Pro-Lys-Thr-R₅-R₆-Lys (-His-R₇-Ala-Gly) (Vc) and detecting conjugates of said antibody and said prion protein polypeptide residue; characterized in that the detection of said conjugates comprises chemical, biological or biochemical amplification of a detectable species and detection of the amplified species.



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